

***Eumida longicornuta* (Moore 1906)**
Phyllodocidae

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Voucher By: T. Parker

SYNONYMY: *Eumida sp. 2* of Hamilton 1976

LITERATURE: Hamilton's SCCWRP Taxonomic Standardization Handouts (*Eumida sp. 1-5*)
SCAMIT Newsletter, Vol. 6, No. 8, 1987
Pleijel 1990
Pleijel 1991
Eibye-Jacobsen 1991
Pleijel 1993
SCAMIT Taxonomic List 1994
Blake and Hilbig 1994

DIAGNOSTIC CHARACTERS:

1. Less than 10 mm long, commonly 3-5mm entire. Width to 1.4 mm sans parapodia.
2. Prostomium rounded or with small frontal peak at point of terminal antennae insertion. Medial antennae inserted between eyes, extends sometimes to segment 2-3.
3. When everted, pharynx walls smooth. Distal papillae visible when fully everted.
4. Four pairs of tentacular cirri extended to segments 7-9.
5. Neuropodial lobes without prolonged or digitate lobes in either superior or acicular position. Neuropodia may appear with slight lip above and below point of aciculum.
6. Dorsal cirri are clearly cordate. Base is nearly as broad as length, often drawn out to a distal tip.
7. Setae typically not extended (or only slightly) beyond most distal margin of dorsal cirri.
8. Pigmentation on dorsum form clear horizontal bands across each segment. When exposed, intersegmental region shows similar shaped but lighter banding. Prostomium pigmentation densest anterior to and between eyes.

RELATED SPECIES AND CHARACTER DIFFERENCES:

See accompanying table for diagnostic characters and similar species.

DISTRIBUTION: Throughout Southern California in 24~200M.

COMMENTS:

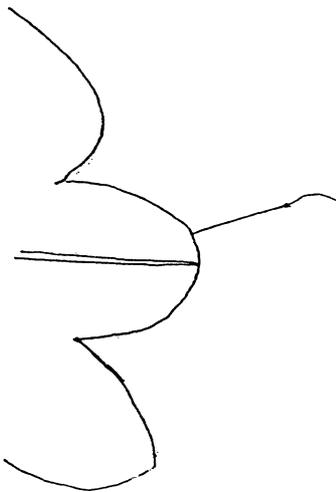
No morphological character(s) has been found to separate *E. longicornuta* from *E. sp. 2*. The shallower depth range for *E. longicornuta* is not considered here an adequate diagnostic character. Segments 1 & 2 do not possess pigmentation entirely across dorsum in contrast to illustration provided by Blake and Hilbig (1994) in MMS atlas



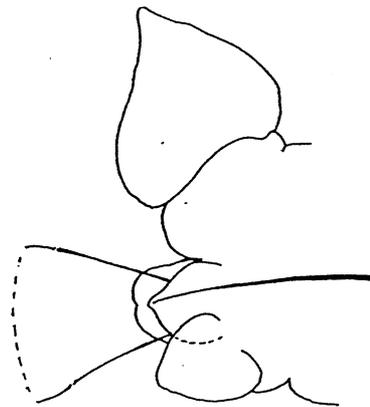
prostomium
LACSD-Y8C



dorsal pigmentation
LACSD-Y8C



parapodial lobes, seg. #28
anterior view
ventral cirri only
LACSD-Y8C



parapodial lobes, seg # 27
posterior view
both cirri
LACSD-Y8C